

PATENT SPECIFICATION

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NO DRAWINGS

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(54) IMPROVEMENTS IN OR RELATING TO COSMETIC STICKS

(71) We, CRYSTAL PRODUCTS COMPANY LIMITED, of Surbiton, Surrey, a British Company, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

THIS INVENTION relates to cosmetic sticks, and more particularly to lipsticks.

Certain cosmetic compositions which it is frequently desired to use on the lips are too soft to be used in the form of a cast stick and normally have to be applied with a brush or other applicator.

The invention consists in a lipstick comprising a shell of a cosmetic composition hard enough to form a self-supporting stick and a core of a cosmetic composition too soft to be self supporting, the core being contained within and supported by the shell.

Normally, the shell will have one open end through which the soft core is exposed for application. The average or overall softness of the texture of the composite stick, which is self-supporting by virtue of the shell, is much softer than that of a stick consisting entirely of the material of which the shell is made.

For example, the mechanical strength, i.e. resistance to distortion under load, of the core may be between 35% and 95% of that of the shell.

In order to ascertain the relative strengths of the compositions forming the core and shell, the following procedure may be adopted.

- 1) The compositions are moulded as separate entities into sticks of identical dimensions.

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2) These sticks are inserted into holders and then stored at the temperature at which the strength is to be measured for 24 hours.

3) After 24 hours, measurements are taken by clamping a stock to a balance pan at 45° in such a way that as weights are added at set time intervals, a progressive load is applied to the stick until it breaks.

4) The procedure is then repeated with the stick of the other composition.

The core can be the same colour as the shell, a contrasting colour, or even colourless, as in the case of a lip glosser.

WHAT WE CLAIM IS:—

1. A lipstick comprising a shell of a cosmetic composition hard enough to form a self-supporting stick and a core of a cosmetic composition too soft to be self-supporting, the core being contained within and supported by the shell.

2. A lipstick as claimed in claim 1, in which the shell has one open end.

3. A lipstick as claimed in claims 1 or 2, in which the mechanical strength of the core is between 35% and 95% of that of the shell.

4. A lipstick as claimed in claims 1, 2 or 3, in which the core is of the same colour as the shell.

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